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November 21, 1956

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☐ DECL ☒ REVW ON 23/07/2010
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Dear []

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We are enclosing three (3) copies of Proposal No. 57-177A entitled
"Thickness Measurement of Non-Metallic Materials".

In recent conversations with your technical personnel we were first instructed to proceed with a measurement program utilizing the sonic techniques described in this proposal and a previous technical report. At that time it was felt that further development of nuclear techniques, although useful, would be deferred until limitations on sonic techniques could be determined. Since that time, however, we were instructed by the technical personnel that it would be desirable to construct an instrument which could be adapted to field use applying the techniques developed under the feasibility study and utilizing nuclear techniques.

The present program, therefore, is proceeding with three objectives under consideration. They are:

1. A further study and development of sonic techniques
2. A further study of nuclear techniques, and
3. The development of an instrument utilizing the nuclear techniques.

Although a time extension was requested and granted, the rate at which funds are now being expended exceeds the effort which was requested at the time of this time extension. In order to continue the present programs at the rate requested by the technical personnel of your staff it will be necessary to receive authorization for the work proposed in the attached proposal sometime before the present program expires.

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We are pleased to submit this proposal and are applying as much scientific effort as is available for a quick solution to both techniques which show promise in the solution of this problem.

If you have any questions concerning the attached proposal please feel free to contact me.

Sincerely yours,



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RWB:es

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